SERVICE MANUAL

AVP-9080 Sherwood

A/V TUNER PRE AMPLIFIER

CONTENTS

SCHEMATIC DIAGRAMS
ELECTRICAL PARTS LIST

	DESCRIPTION	PARTS NO.
TAPE	TAPE PACKING SCOTCH W:50	1220040222010
LABEL	PACKING	5507051350030
INSTRUCTION MANUAL		5707046960020
WARRANTY CARD		5727041620020
BOX,INNER CARTON	C/T BOX R-525/A	6017040990190
CUSHION,SNOW	CUSHION POLY	6230042794010
CLIP	PIN STAPLE	6250040020010
POLY BAG	330*240*0.05 NO-SILK JACK-HOLE	6330040062010
ANTENNA,LOOP	ANTENNA AM LOOP STAND-TYP	E601010000000
ANTENNA,WIRE	ANT WIRE (FM)	E605010070000
CN.WAFER	MATCHING TRANS(EUR)	L109284007200
CABINET	COVER TOP	3000045396010
LABEL RATING	BAR CODE	5527040660010
LABEL RATING	LABEL FUSE CAUTION	5527042410010
SCREW,TAP TITE	+2S 3*8 B-TYPE BK/BH	B020030083B10
SCREW,TAP TITE	+3S 4*8 BK/BH	B020940083B10
TAPE	3M	1220041033010
RIVET	SNAP RIVET DASR-355	1560040036010
HEAT SINK	RDS AL=0.8T	2120045058010
CHASSIS	SECC 1.0T/MAIN	3200056416020
CHASSIS	SECC T=1.0/BACK	3207056466030
TERMINAL	KRA4030 SECC T0.8 W-M3 SCREW/GND	3790000090000
FOOT	FOOT AL	4007041021010
BRACKET	SECC T=1.0/MICOM	4010057116010
SPACER	KNOB SPACER	4300040561010
STOPPER	CORD HOLDER DACH-1	4380040162010
FASTENER	SPACER SUPPORT DASS-31N(L)	4420010163010
SCREW,TAP TITE	SCREW #B WPTT3X6Y	B020030061W10
SCREW,TAP TITE	+2S 3*8 B-TYPE BK/BH	B020030083B10
SCREW,TAP TITE	SCREW #BWPTT 3X18Y	B020030181X10
SCREW,TAP TITE	+WSAM 4X8B	B020940083W10
CORD,AC	CORD POWER AC 2.5A,250V/C.D	L061040401030
PANEL ASSY	FRAME	3068041331020
TAPE	PAPER 15MM*30MM BLACK /FL	1220200009010
SCREW	+MECHA	1507041026010
LEVER	ABS HF-380 GRAY /OPEN	2530041521010
SHIELD	FLT COVER	3070046767010
BODY	ABS HF-380 GRAY /FRONT	3417041331010
DAMPER	DAMPER OIL(75G)	3660040213010
SPRING	SUS304 0.7/OPEN	3720044426010
BRACKET	SECC T=1.2/DOOR L	4010057076010
BRACKET	SECC T=1.2/DOOR R	4010057086010
BRACKET	SECC T=1.2/OPEN	4010057096010
CUSHION	FELT 0.5T/BUTTON ST-BY	4050048019010
CUSHION	FELT 0.5T/BUTTON 2-KEY	4050048029010
CUSHION	20*10*10(T) SPONGE RUBBER	4050200035010
COVER	A6063S-T5/PANEL	4317050008020
CAP	A6063S-T5	4507042118010
INLAY	PC T=0.5/JACK	5017041082020
KNOB ASSY	ABS+AL/PUSH	5088041338010

	DESCRIPTION	PARTS NO.
BUTTON	ABS HI-153/STAND BY	5090091001010
BUTTON	HI-153/2KEY	5090091041010
BUTTON	ABS HI-153/2KEY R	5090091041020
BUTTON	ABS HF-380 GRAY /OPEN	5097091211010
RING,TER WIRE	BK 200MM 1007#20 PI4.3	8410201200010
SCREW,MACHINE	+BM2X3B	B000020043B10
SCREW,TAP TITE	+2S 3*8 B-TYPE BK/BH	B020030083B10
DISPLAY,FLT	CU20026SCPB-T20A 2*20CHR DOT-MAT	K530200260010
P.C.B MANU INS ASSY	**TUNER**	**7028040780900**
R,CARBON FILM	100-J,1/5W-52RE	C00001016P520
R,CARBON FILM	1K-J,1/5W-52RE-AX	C00001026P520
R,CARBON FILM	10K-J,1/5W-52RE-AX	C00001036P520
R,CARBON FILM	180-J,1/5W-52RE-AX	C00001816P520
R,CARBON FILM	1.8K-J,1/5W-52RE-AX	C00001826P520
R,CARBON FILM	180K-J,1/5W-52RE-AX	C00001846P520
R,CARBON FILM	22K-J,1/5W-52RE-AX	C00002236P520
R,CARBON FILM	270-J,1/5W-52RE-AX	C00002716P520
R,CARBON FILM	2.7K-J,1/5W-52RE-AX	C00002726P520
R,CARBON FILM	330-J,1/5W-52RE-AX	C00003316P520
R,CARBON FILM	3.3K-J,1/5W-52RE-AX	C00003326P520
R,CARBON FILM	470-J,1/5W-52RE-AX	C00004716P520
R,CARBON FILM	4.7K-J,1/5W-52RE-AX	C00004726P520
R,CARBON FILM	47K-J,1/5W-52RE-AX	C00004736P520
R,CARBON FILM	560-J,1/5W-52RE-AX	C00005616P520
R,CARBON FILM	5.6K-J,1/5W-52RE-AX	C00005626P520
R,CARBON FILM	68K-J,1/5W-52RE-AX	C00006836P520
R,METAL FILM 100PPM	22-J,1/5W-52RE-AX	C06002206P520
VR,SEMI CARBON MOLD	EVM-DJAA03B25/REEL	C541204115000
VR,SEMI CARBON MOLD	EVN-DJAA03B53/REEL	C541502115000
VR,SEMI CARBON MOLD	EVN-DJAA03B54/REEL	C541503115000
C,CERAMIC T.C DISC	CH100PF-J/50V-5RE	D000101167070
C,CERAMIC T.C DISC	CH15PF-J/50V-5RE	D000150167070
C,CERAMIC T.C DISC	CH18PF-J/50V-5RE	D000180167060
C,CERAMIC T.C DISC	SL68PF-J/50V-5RE	D000680067050
C,CERAMIC HIK DISC	F0.022UF-Z/50V-5RE	D004223597050
C,CERAMIC HIK DISC	SL330PF-J/50V-5RE	D004331067060
C,CERAMIC HIK DISC	F0.047UF-Z/50V-5RE PI10	D004473597050
C,CERAMIC HIK DISC	SL680PF-J/50V-5RE	D004681067060
C,CERAMIC HIK AXIAL	Y0.01UF-M/16V-52RE	D005103773530
C,CERAMIC HIK AXIAL	F0.022UF-Z/25V-52RE	D005223594520
C,CERAMIC HIK AXIAL	F0.047UF-Z/50V-52RE	D005473597520
C,FILM POLYESTER	ST-0.022UF-J/100V-5RE	D02022306C060
C,FILM POLYESTER	ST-0.0033UF-J/100V-5RE	D02033206C060
C,FILM POLYESTER	CAP M T 0.039UF 100V J	D02039306C060
C,FILM STYLOR	ST-470PF-J/50V-5RE	D022471067050
C,ELECT GE 85C	1UF-M/50V,5*11-5RE	D040010087050
C,ELECT GE 85C	10UF-M/35V,5*11	D040100085100
C,ELECT GE 85C	100UF-M/16V,6.3*11	D040101083100
C,ELECT GE 85C	3.3UF-M/50V,5*11	D0403R3087100
C,ELECT GE 85C	47UF-M/16V,5*11	D040470083100

	DESCRIPTION	PARTS NO.
C,ELECT GE 85C	4.7UF-M/50V,5*11	D0404R7087100
C,ELECT GE 85C	0.22UF-M/50V,5*11	D040R22087100
FILTER,CERAMIC FM	SFE10.7MS3GH-ATF21/REEL	E430107000150
CRYSTAL	7.2MHZ,CL12PF HC49U/REEL	E800720000080
SEMI,TR/GE NPN 2SC	2SC1740SR,0.3W/TO92M-REEL	J5021740S0010
SEMI,TR/GE NPN 2SC	TR NPN KTC1923Y (C3194Y)	J5023194Y0050
SEMI,BRT/PNP RB	TR KRA107M PNP	J601107M00050
SEMI,BRT/NPN RC	TR NPN DTC323TS	J602323TS0050
D,SWITCHING	1SS133T-72-52MM	K000013300520
D,ZENER	MTZJ5.1B-0.5W/5MA-52MM	K06005R144520
D,VARACTOR	DIODE VAR T SVC321SPA-C	K080032100520
CN,WIRE 1P	JUMPER (0.6/52MM)	L045084006040
C,TRIMMER CERAMIC	CAP TRIMMER TZ03-T110FR 169	D110100901100
COIL,ANTENNA	M7ZN-K5643A-KR	D304564300000
COIL,FILTER-INDUCTOR	COIL INDUCTOR20.8MH	D330208001120
RF,TRANS MW OSC	7BR-K111027X-KR	D940111027000
COIL,IF MW	COIL AM IFT P-7SB	D950010050000
COIL,DET FM	COIL DET(A)FM K5713FKG	D970010020000
COIL,DET FM	COIL DET(B)FM K5714X	D970010030000
FILTER,LC MPX	253AGG-K5001-KR	E401500100000
FILTER,CERAMIC AM	AHCFM2-450BL	E431450000120
RESONATOR,CERAMIC	RESONATOR CSB456F11	E830456000050
TUNER,FM	F/E FM FTA4-460H	E900446000110
TER,BOARD PUSH	ANT TERMINAL	G59004046000A
IC,LINEAR RF	LA1266	J124126600010
IC,LINEAR RF	LA3401	J124340100010
IC,LINEAR RF	IC LM7001JUM	J124700100010
CABLE,HOLDER 2.5MM	HOUSING 35238-1510 AVR10	L112524191900
P.C.B MANU INS ASSY	**R945(A)DTS/AC3**	**702804095500O**
TAPE	3M	1220041033010
RIVET	SNAP RIVET DASR-355	1560040036010
HEAT SINK	AL=0.8T	2120045058010
LABEL RATING	LABEL(RED)	5527041250010
BEAD,COIL CHIP	BEAD CHIP BK2125HS121-T	7611010000000
R,CHIP THICK	1-J,1/10W-2012REEL	C200001060200
R,CHIP THICK	100-J,1/10W-2012REEL	C200010160200
R,CHIP THICK	1K-J,1/10W-2012REEL	C200010260200
R,CHIP THICK	10K-J,1/10W-2012REEL	C200010360200
R,CHIP THICK	100K-J,1/10W-2012REEL	C200010460200
R,CHIP THICK	1M-J,1/10W-2012REEL	C200010560200
R,CHIP THICK	120-J,1/10W-2012REEL	C200012160200
R,CHIP THICK	12K-J,1/10W-2012REEL	C200012360200
R,CHIP THICK	150-J,1/10W-2012REEL	C200015160200
R,CHIP THICK	1.5K-J,1/10W-2012REEL	C200015260200
R,CHIP THICK	1.8K-J,1/10W-2012REEL	C200018260200
R,CHIP THICK	18K-J,1/10W-2012REEL	C200018360200
R,CHIP THICK	20K-J,1/10W-2012REEL	C200020360200
R,CHIP THICK	22-J,1/10W-2012REEL	C200022060200
R,CHIP THICK	220-J,1/10W-2012REEL	C200022160200
R,CHIP THICK	2.2K-J,1/10W-2012REEL	C200022260200

	DESCRIPTION	PARTS NO.
R,CHIP THICK	22K-J,1/10W-2012REEL	C200022360200
R,CHIP THICK	2.7K-J,1/10W-2012REEL	C200027260200
R,CHIP THICK	27K-J,1/10W-2012REEL	C200027360200
R,CHIP THICK	3K-J,1/10W-2012REEL	C200030260200
R,CHIP THICK	33-J,1/10W-2012REEL	C200033060200
R,CHIP THICK	3.3K-J,1/10W-2012REEL	C200033260200
R,CHIP THICK	33K-J,1/10W-2012REEL	C200033360200
R,CHIP THICK	3.9K-J,1/10W-2012REEL	C200039260200
R,CHIP THICK	43K-J,1/10W-2012REEL	C200043360200
R,CHIP THICK	47-J,1/10W-2012REEL	C200047060200
R,CHIP THICK	470-J,1/10W-2012REEL	C200047160200
R,CHIP THICK	4.7K-J,1/10W-2012REEL	C200047260200
R,CHIP THICK	47K-J,1/10W-2012REEL	C200047360200
R,CHIP THICK	560-J,1/10W-2012REEL	C200056160200
R,CHIP THICK	68K-J,1/10W-2012REEL	C200068360200
R,CHIP THICK	82-J,1/10W-2012REEL	C200082060200
R,CHIP THICK	820-J,1/10W-2012REEL	C200082160200
R,CHIP THICK	8.2K-J,1/10W-2012REEL	C200082260200
R,CHIP THICK	91-J,1/10W-2012REEL	C200091060200
R,CHIP THICK	2.2-J,1/10W-2012REEL	C2002R2060200
C,CERAMIC CHIP T.C	CAP CHIP 2PF 50V	D010020117210
C,CERAMIC CHIP T.C	CAP CHIP 10P	D010100167210
C,CERAMIC CHIP T.C	CH100PF-J/50V-20125REEL	D010101167200
C,CERAMIC CHIP T.C	CH18PF-J/50V-2012REEL	D010180167200
C,CERAMIC CHIP T.C	CH22PF-J/50V-20125REEL	D010220167200
C,CERAMIC CHIP T.C	CH470PF-J/50V-20125REEL	D010471167200
C,CERAMIC CHIP T.C	GRM40COG 750J 50PT (0805)	D010750167210
C,CERAMIC CHIP HIK	CAP CHIP 0.001UF 50V B	D011102177210
C,CERAMIC CHIP HIK	CAP CHIP 0.01UF 50V B	D011103177210
C,CERAMIC CHIP HIK	F0.1UF-Z/50V-2012REEL	D011104597200
C,CERAMIC CHIP HIK	CAP CHIP 0.0015UF 50V B	D011152177210
C,CERAMIC CHIP HIK	CAP CHIP 0.015UF 50V B	D011153177210
C,CERAMIC CHIP HIK	CAP CHIP 0.0022UF 50V B	D011222177210
C,CERAMIC CHIP HIK	CAP CHIP 0.022UF 50V B	D011223177210
C,CERAMIC CHIP HIK	CAP CHIP 0.0047UF 50V B	D011472177210
C,CERAMIC CHIP HIK	CAP CHIP 0.0068UF 50V B	D011682177210
IC,MEMORY-RAM	IC DRAM HY534256AJ-70	J001534256000
IC,MEMORY-RAM	SRAM KM68257CJ-15 SOP28	J001682510010
IC,CPU MICRO PROCESS	UPD78042FGF-065-3B9/QFP80P R945 SUB	J020780420650
IC,LOGIC	INVRTR MC74HCU04AD SOP14	J040740400200
IC,LOGIC	PC74HC157 QUAD 2-IN MPX	J040741570020
IC,ANALOG	IC AC3 DEMODULATOR PM4007A QFP100	J080400700010
IC,ANALOG	IC AD/DA CONV CS4226KQ QFP44	J080422600010
IC,ANALOG	IC DSP XCF56009FJ81 QFP80	J080560098110
IC,ANALOG	IC DSP I56009FJ81 DTS DECODER QFP80	J080560098120
D,SWITCHING CHIP	KDS184ST1/DCB010-THICK	K005018400010
C,ELECT GE 85C	1UF-M/50V,3*5-2.5RE	D040010087020
C,ELECT GE 85C	10UF-M/16V,3*5-2.5RE	D040100083020
C,ELECT GE 85C	100UF-M/6.3V,6.3*5 2.5RE	D040101081120
C,ELECT GE 85C	100UF-M/16V,6.3*11	D040101083100

	DESCRIPTION	PARTS NO.
C,ELECT GE 85C	1000UF-M/6.3V,8*11.5 SD S-5RE	D040102081060
C,ELECT GE 85C	3.3UF-M/50V,4*5-2.5RE	D0403R3087120
C,ELECT GE 85C	47UF-M/16V,6.3*5-2.5RE	D040470083020
C,ELECT BP 85C	CAP E NP 1UF 50V	D042010087100
C,ELECT BP 85C	47UF-M/10V,6*11 BP	D042470082200
RESONATOR,CERAMIC	CST4.19MGW-TF01/REEL	E830419000060
SEMI,TR/GE PNP 2SA	2SA933S,0.3W/TO92M-REEL	J5000933S0050
SEMI,TR/GE NPN 2SC	2SC1740SR,0.3W/TO92M-REEL	J5021740S0010
SEMI,BRT/NPN RC	DTC114YS,0.3W/TO92M	J6020114Y0050
D,VARACTOR	DIODE VARACTOR KV1851	K080185100010
LED,ROUND	SLR-34URC N49/REEL->SLR342VCT32	K500032101240
R,CARBON FILM	1K-J,1/5W-52RE-AX	C00001026P520
R,NETWORK A-TYPE	22KJ*8-H6.35*2.54-9P	C180223091630
C,CERAMIC HIK AXIAL	F10000PF-Z/50V-52RE	D005103597520
COIL,FILTER-INDUCTOR	10UH-Q40/24M-R2.5-52RE	D330100700520
COIL,FILTER-INDUCTOR	COIL INDUCTOR 68UH	D330680001020
MODULE	GP1F32R/OPTICAL TRANSMITE	E100132000020
FILTER,BPF	FILTER BPF SPB4930 2.88MHZ	E440000010010
CRYSTAL	SCO-020 1MHZ CL=15PF FOR DTS 21*13*5	E800100000700
CRYSTAL	18.432MHZ CL:18PF	E800184320810
CRYSTAL	24.576MHZ CL:16PF	E800245760810
SOCKET,IC	IC SOCKET 32PIN	G450320000010
TER,RCA 2PIN	ALL R925 JC0200099G	G601200099020
IC,LOGIC	IC JK FLIPF MC74HC76N DIP16	J040747600040
IC-UNKNOWN	IC EPROM 27C010-150 32DIP60	J089384001300
IC,LINEAR OP	NJM2068DD-DIP8P	J121206800000
IC,MONITOR	IC MC14577BP	J170145770000
CN.WAFER 2.0MM	35237-1310 13P	L101352371310
P.C.B MANU INS ASSY	**MAIN**	**702805942000O**
HEAT SINK	H=30 /REG TR	2120043538040
CLAMP	DALA-2 /WIRE	4330000120000
TERMINAL	ALL PBST/GND-REEL	3790040876010
R,CHIP THICK	0-J,1/10W-2012REEL	C200000060200
R,CHIP THICK	100-J,1/10W-2012REEL	C200010160200
R,CHIP THICK	1K-J,1/10W-2012REEL	C200010260200
R,CHIP THICK	10K-J,1/10W-2012REEL	C200010360200
R,CHIP THICK	100K-J,1/10W-2012REEL	C200010460200
R,CHIP THICK	1M-J,1/10W-2012REEL	C200010560200
R,CHIP THICK	1.2K-J,1/10W-2012REEL	C200012260200
R,CHIP THICK	15K-J,1/10W-2012REEL	C200015360200
R,CHIP THICK	1.8K-J,1/10W-2012REEL	C200018260200
R,CHIP THICK	18K-J,1/10W-2012REEL	C200018360200
R,CHIP THICK	2.0K-J,1/10W-2012REEL	C200020260200
R,CHIP THICK	20K-J,1/10W-2012REEL	C200020360200
R,CHIP THICK	2.2K-J,1/10W-2012REEL	C200022260200
R,CHIP THICK	22K-J,1/10W-2012REEL	C200022360200
R,CHIP THICK	220K-J,1/10W-2012REEL	C200022460200
R,CHIP THICK	33-J,1/10W-2012REEL	C200033060200
R,CHIP THICK	3.3K-J,1/10W-2012REEL	C200033260200
R,CHIP THICK	33K-J,1/10W-2012REEL	C200033360200

	DESCRIPTION	PARTS NO.
R,CHIP THICK	470-J,1/10W-2012REEL	C200047160200
R,CHIP THICK	4.7K-J,1/10W-2012REEL	C200047260200
R,CHIP THICK	47K-J,1/10W-2012REEL	C200047360200
R,CHIP THICK	470K-J,1/10W-2012REEL	C200047460200
R,CHIP THICK	5.1K-J,1/10W-2012REEL	C200051260200
R,CHIP THICK	51K-J,1/10W-2012REEL	C200051360200
R,CHIP THICK	560-J,1/10W-2012REEL	C200056160200
R,CHIP THICK	5.6K-J,1/10W-2012REEL	C200056260200
R,CHIP THICK	560K-J,1/10W-2012REEL	C200056460200
R,CHIP THICK	7.5K-J,1/10W-2012REEL	C200075260200
R,CHIP THICK	82K-J,1/10W-2012REEL	C200082360200
R,CHIP THICK	820K-J,1/10W-2012REEL	C200082460200
R,CHIP THICK	9.1K-J,1/10W-2012REEL	C200091260200
C,CERAMIC CHIP T.C	CH100PF-J/50V-20125REEL	D010101167200
C,CERAMIC CHIP T.C	CH33PF-J/50V-20125REEL	D010330167200
C,CERAMIC CHIP T.C	CH330PF-J/50V-20125REEL	D010331167200
C,CERAMIC CHIP T.C	CH47PF-J/50V-20125REEL	D010470167200
C,CERAMIC CHIP HIK	F0.1UF-Z/50V-2012REEL	D011104597200
D,SWITCHING CHIP	KDS184ST1/DCB010-THICK	K005018400010
R,CARBON FILM	1K-J,1/5W-52RE-AX	C00001026P520
R,CARBON FILM	10K-J,1/5W-52RE-AX	C00001036P520
R,CARBON FILM	100K-J,1/5W-52RE-AX	C00001046P520
R,CARBON FILM	12K-J,1/5W-52RE-AX	C00001236P520
R,CARBON FILM	2.2K-J,1/5W-52RE-AX	C00002226P520
R,CARBON FILM	2.7K-J,1/5W-52RE-AX	C00002726P520
R,CARBON FILM	470-J,1/5W-52RE-AX	C00004716P520
R,CARBON FILM	4.7K-J,1/5W-52RE-AX	C00004726P520
R,CARBON FILM	47K-J,1/5W-52RE-AX	C00004736P520
R,CARBON FILM	560-J,1/5W-52RE-AX	C00005616P520
R,CARBON FILM	820-J,1/5W-52RE-AX	C00008216P520
R,METAL FILM 100PPM	10-J,1/5W-52RE-AX	C06001006P520
R,METAL FILM 100PPM	100-J,1/5W-52RE-AX	C06001016P520
R,METAL FILM 100PPM	33-J,1/5-52RE-AX	C06003306P520
R,METAL FILM 100PPM	39-J,1/5W-52RE-AX	C06003906P520
COIL,FILTER-INDUCTOR	COIL INDUCTOR 47UH	D330470001020
D,SWITCHING	1SS133T-72-52MM	K000013300520
D,ZENER	MTZJ5.1B-0.5W/5MA-52MM	K06005R144520
CN,WIRE 1P	JUMPER (0.6/52MM)	L045084006040
C,CERAMIC HIK DISC	CK100PF-J/50V-5RE	D004101067060
C,CERAMIC HIK DISC	SL220PF-J/50V-5RE	D004221067060
C,CERAMIC HIK DISC	CK470PF-J/50V-5RE	D004471067060
C,FILM POLYESTER	ST-0.001UF-J/100V-5RE	D02010206C060
C,FILM POLYESTER	ST-0.01UF-J/100V-5RE	D02010306C060
C,FILM POLYESTER	ST-0.1UF-K/63V-5RE	D020104078060
C,FILM POLYESTER	ST-0.018UF-J/100V-5RE	D02018306C060
C,FILM POLYESTER	ST-0.022UF-J/100V-5RE	D02022306C060
C,FILM POLYESTER	ST-0.0027UF-J/100V-5RE	D02027206C060
C,FILM POLYESTER	ST-0.027UF-J/100V-5RE	D02027306C060
C,FILM POLYESTER	ST-0.033UF-J/100V-5RE	D02033306C060
C,FILM POLYESTER	CAP M T 0.0035UF 100V J	D02035206C060

	DESCRIPTION	PARTS NO.
C,FILM POLYESTER	ST-0.082UF-J/100V-5RE	D02082306C060
C,ELECT GE 85C	1UF-M/50V,5*11-5RE	D040010087050
C,ELECT GE 85C	10UF-M/35V,5*11	D040100085100
C,ELECT GE 85C	100UF-M/10V,5*11-5RE	D040101082060
C,ELECT GE 85C	2.2UF-M/50V,5*11-5RE	D0402R2087100
C,ELECT GE 85C	47UF-M/16V,5*11	D040470083100
C,ELECT GE 85C	4.7UF-M/50V,5*11-5RE.SY	D0404R7087250
C,ELECT AH 85C	1UF-M/50V,5*11	D046010087100
C,ELECT AH 85C	10UF-M/35V,6.3*11	D046100085100
C,ELECT AH 85C	2.2UF-M/50V,5*11	D0462R2087100
C,ELECT AH 85C	47UF-M/16V,8*11.5	D046470083100
C,ELECT AH 85C	AU 4.7/35V	D0464R7085100
SEMI,TR/GE NPN 2SD	KTD1303,0.4W/TO92M-REEL	J503130300050
SEMI,BRT/PNP RA	DTA114YS,0.3W/TO92M-REEL	J6000114Y0010
SEMI,BRT/NPN RC	DTC114YS,0.3W/TO92M	J6020114Y0050
SCREW,TAP TITE	+2S 3*8 B-TYPE BK/BH	B020030083B10
C,ELECT AH 85C	1000UF-M/16V,16*25	D046102083200
C,ELECT AH 85C	220UF-M/16V,10*20	D046221083100
SW,PUSH	SW PUSH SPUL 19X IM081SUH68	G000041170000
TER,RCA 1PIN	RCA JACK JK0100551G	G600100551010
TER,RCA 1PIN	RCA JACK JK0100552G	G600100552010
TER,RCA 4PIN	RCA JK0400450G	G60240045003A
TER,RCA 6PIN	A R325 JK0600460G/	G603600920030
IC,LOGIC	IC MC14053BCP MOT	J040140530000
IC,ANALOG	IC LC7822	J080782200000
IC,ANALOG	TC9184AP/DIP16P	J080918400010
IC,ANALOG	IC TC9273N-007 DIP28	J080927300000
IC,ELECT VR	LC7536/SDIP30P	J084753600010
IC,LINEAR OP	IC OP37EP(ANALOG DEVICES)	J121003700000
IC,LINEAR OP	NJM2068DD-DIP8P	J121206800000
IC,LINEAR OP	OP275GP/DIP8P	J121275000010
SEMI,TR/GE PNP 2SA	TR 2SA1360(0/Y)	J5001360O000D
SEMI,TR/GE PNP 2SA	TR 2SA 1859A-Y	J5001859Y0000
SEMI,TR/GE NPN 2SC	TR 2SC3423(0/Y)	J5023423O0000
SEMI,TR/GE NPN 2SC	TR 2SC 4883A-Y	J5024883Y0000
CN,WIRE	CTG1213 GT12 GT12 1533#26 2MM	L000131122600
CN,WIRE	320MM 1P 1007#18 780400T*2	L000321011800
CN,WIRE 1P	WIRE #24 320MM	L046241032440
CN.WAFER 2.0MM	G1L-S-4P-S2T2-EF	L101220040000
CN.WAFER 2.0MM	G1L-S-5P-S2T2-EF	L101220050000
CN.WAFER 2.0MM	GIL-S-12P-S2T2-EF	L101220120000
CN.WAFER 2.0MM	35336-1310 13P	L101353361310
CN.WAFER 2.5MM	5267-03A 3P	L102526700300
CN.WAFER 2.5MM	5267-08A 8P	L102526700800
CN.WAFER 2.5MM	WAFER 35337-1520 AVR10	L102532911910
CN.FPC 1.25MM	GF12035STS 35P ST 1SIDE	L13112035O010
P.C.B MANU INS ASSY	**AVP9080(D) MICOM,VIDEO TOTAL**	**7028059432000**
R,CARBON FILM	1K-J,1/5W-52RE-AX	C00001026P520
R,CARBON FILM	10K-J,1/5W-52RE-AX	C00001036P520
R,CARBON FILM	100K-J,1/5W-52RE-AX	C00001046P520

	DESCRIPTION	PARTS NO.
R,CARBON FILM	1M-J,1/5W-52RE-AX	C00001056P520
R,CARBON FILM	120K-J,1/5W-52RE-AX	C00001246P520
R,CARBON FILM	150K-J,1/5W-52RE-AX	C00001546P520
R,CARBON FILM	2K-J,1/5W-52RE-AX	C00002026P520
R,CARBON FILM	2.2K-J,1/5W-52RE-AX	C00002226P520
R,CARBON FILM	330-J,1/5W-52RE-AX	C00003316P520
R,CARBON FILM	3.3K-J,1/5W-52RE-AX	C00003326P520
R,CARBON FILM	33K-J,1/5W-52RE-AX	C00003336P520
R,CARBON FILM	330K-J,1/5W-52RE-AX	C00003346P520
R,CARBON FILM	390-J,1/5W-52RE-AX	C00003916P520
R,CARBON FILM	470-J,1/5W-52RE-AX	C00004716P520
R,CARBON FILM	47K-J,1/5W-52RE-AX	C00004736P520
R,CARBON FILM	470K-J,1/5W-52RE-AX	C00004746P520
R,CARBON FILM	68K-J,1/5W-52RE-AX	C00006836P520
R,CARBON FILM	8.2K-J,1/5W-52RE-AX	C00008226P520
R,METAL FILM 100PPM	10-J,1/5W-52RE-AX	C06001006P520
R,METAL FILM 100PPM	100-J,1/5W-52RE-AX	C06001016P520
R,METAL FILM 100PPM	150-J,1/5W-52RE-AX	C06001516P520
R,METAL FILM 100PPM	68-J,1/5W-52RE-AX	C06006806P520
R,METAL FILM 100PPM	75-J,1/5W-52RE-AX	C06007506P520
C,CERAMIC T.C AXIAL	SL47PF-J/50V-52RE	D001470067520
C,CERAMIC HIK AXIAL	B100PF-K/50V-52RE	D005101177520
C,CERAMIC HIK AXIAL	B0.001UF-K/50V-52RE	D005102177530
C,CERAMIC HIK AXIAL	SL0.01UF-Z/50V-52RE	D005103077530
C,CERAMIC HIK AXIAL	F0.1UF-Z/50V-52RE	D005104597530
C,CERAMIC HIK AXIAL	X2200PF-K/16V-52RE	D005222773530
COIL,FILTER-INDUCTOR	COIL INDUCTOR 22UH	D330220001020
D,SWITCHING	1SS133T-72-52MM	K000013300520
CN,WIRE 1P	JUMPER (0.6/52MM)	L045084006040
C,CERAMIC T.C DISC	CH15PF-J/50V-5RE	D000150167070
C,CERAMIC T.C DISC	CH18PF-J/50V-5RE	D000180167060
C,CERAMIC T.C DISC	CH22PF-J/50V-5RE	D000220167060
C,ELECT GE 85C	1UF-M/50V,5*11-5RE	D040010087050
C,ELECT GE 85C	10UF-M/35V,5*11	D040100085100
C,ELECT GE 85C	100UF-M/10V,5*11-5RE	D040101082060
C,ELECT GE 85C	47UF-M/16V,5*11	D040470083100
C,ELECT GE 85C	CAP E AF SA T 470UF 6.3V	D040471081100
C,ELECT GE 85C	0.33UF-M/50V,5*11-5RE.SY	D040R33087070
SEMI,TR/GE PNP 2SA	2SA933S,0.3W/TO92M-REEL	J5000933S0050
SEMI,TR/GE NPN 2SC	2SC1740SR,0.3W/TO92M-REEL	J5021740S0010
SEMI,TR/GE NPN 2SC	KTC2878 (KEC)	J502287800000
SEMI,TR/GE-UNKNOWN	TR DTA114YS	J509082221010
CRYSTAL	14.31818MHZ,HC49U-CL;18PF	E80014R318020
JACK,D6.5	JACK HSJ0912-01-042	G402041590000
TER,RCA 2PIN	RCA JACK JK020050DG	G601200500020
TER,RCA 3PIN	JC0300125G	G606300125010
IC,LOGIC	IC MC14094BCP	J040140940000
IC,LOGIC	IC BU4051B ROHM	J040405100030
IC,ANALOG	M35010-001SP ON SCREEN DISP DIP20	J080350100010
IC,ANALOG	BA7046 VIDEO SYNC DIP8	J080704600000

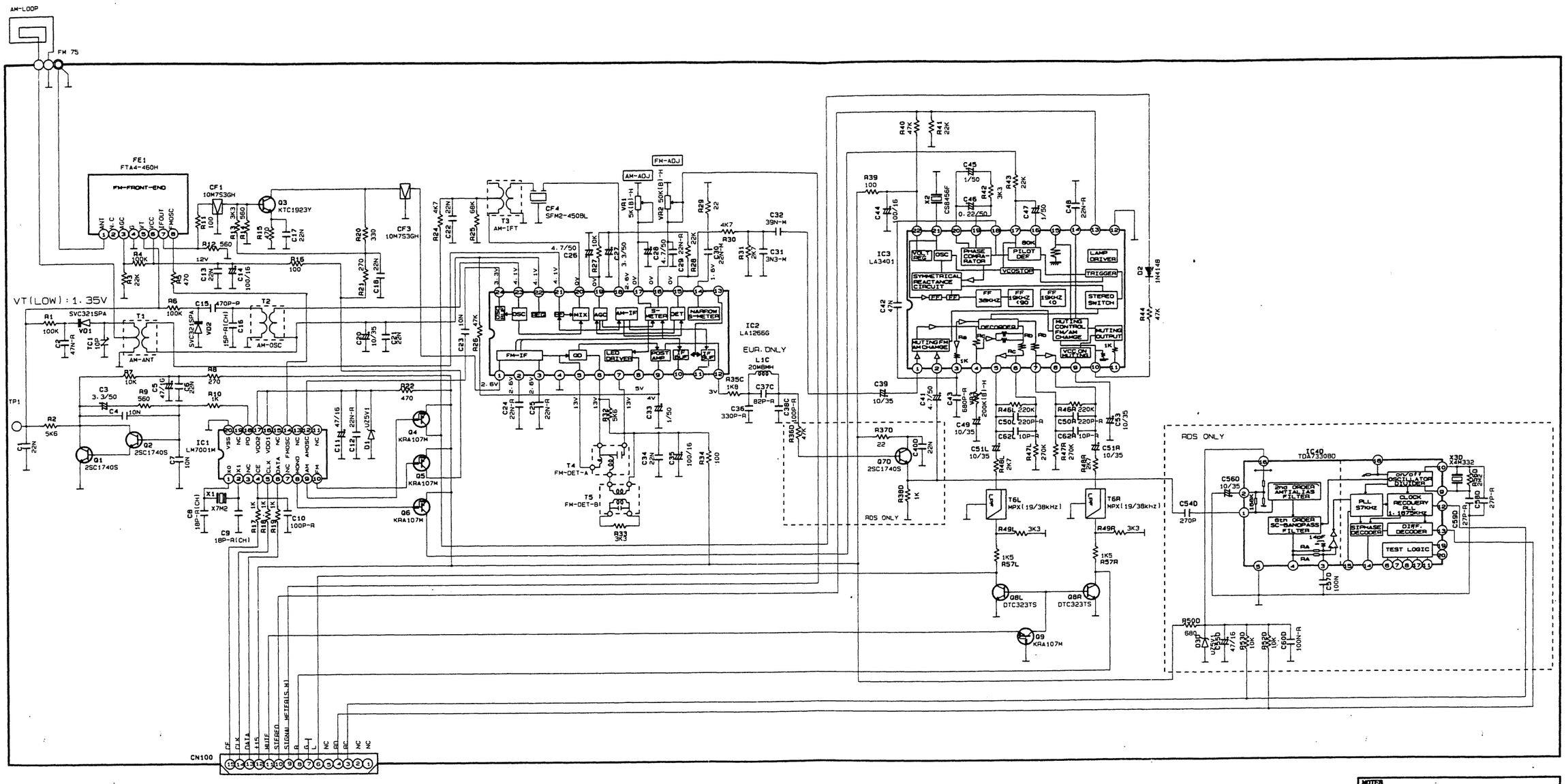
	DESCRIPTION	PARTS NO.
IC,MONITOR	IC MC14577BP	J170145770000
PHOTO,COUPLER	OPTOCOUPLER LTV-817	K614817000001
CN,WIRE	CTG1217 GT12 GT12 1007#26 2MM	L000171122600
CN,WIRE	CTM0318 5395 5264 1007#26 2.5MM	L000181032600
CN.WAFER 2.0MM	TKC-A08P-H1 8P	L101081000010
CN.WAFER 2.5MM	5268-02A 2P ANGLE	L102526802010
HEAT SINK	ANODIZING=NO/REG TR	2120043538020
HEAT SINK	HEAT SINK REG TR(15X30)	2120044338010
TERMINAL	TERMINAL GND	3790040696010
R,CARBON FILM	1K-J,1/5W-52RE-AX	C00001026P520
R,CARBON FILM	10K-J,1/5W-52RE-AX	C00001036P520
R,CARBON FILM	100K-J,1/5W-52RE-AX	C00001046P520
R,CARBON FILM	15K-J,1/5W-52RE-AX	C00001536P520
R,CARBON FILM	2.2K-J,1/5W-52RE-AX	C00002226P520
R,CARBON FILM	22K-J,1/5W-52RE-AX	C00002236P520
R,CARBON FILM	330-J,1/5W-52RE-AX	C00003316P520
R,CARBON FILM	3.9K-J,1/5W-52RE-AX	C00003926P520
R,CARBON FILM	470-J,1/5W-52RE-AX	C00004716P520
R,CARBON FILM	47K-J,1/5W-52RE-AX	C00004736P520
R,CARBON FILM	68K-J,1/5W-52RE-AX	C00006836P520
R,METAL FILM 100PPM	RES MF 10 OHM 1W	C060010065520
R,METAL FILM 100PPM	100-J,1/5W-52RE-AX	C06001016P520
R,METAL FILM 100PPM	220K-J,1/5W-52RE-AX	C06002246P520
R,METAL FILM 100PPM	33-J,1/5-52RE-AX	C06003306P520
C,CERAMIC HIK AXIAL	B100PF-K/50V-52RE	D005101177520
C,CERAMIC HIK AXIAL	F0.1UF-Z/50V-52RE	D005104597530
D,SWITCHING	1SS133T-72-52MM	K000013300520
D,RECTIFIER 1N	1N4003-52MM	K040400300520
D,ZENER	MTZJ4.3B-0.5W/5MA-52MM	K06004R344520
C,FILM POLYESTER	ST-0.047UF-J/100V-5RE	D02047306C060
C,ELECT GE 85C	1UF-M/50V,5*11-5RE	D040010087050
C,ELECT GE 85C	10UF-M/35V,5*11	D040100085100
C,ELECT GE 85C	100UF-M/16V,6.3*11	D040101083100
C,ELECT GE 85C	47UF-M/16V,5*11	D040470083100
C,ELECT GE 85C	470UF-M/16V,10*12.5	D040471083200
C,ELECT GE 85C	0.1UF-M/50V,5*11-5RE.SY	D040R10087070
RESONATOR,CERAMIC	CST10.0MTW-TF01/REEL	E830100000050
HOLDER,FUSE CLIP	PI5.2-REEL	G645000050010
SEMI,TR/GE NPN 2SC	TR NPN 2SC3199Y (BKTC3199 Y	J5023199Y0050
SEMI,BRT/NPN RC	DTC114YS,0.3W/TO92M	J6020114Y0050
SCREW,TAP TITE	+2S 3*8 B-TYPE BK/BH	B020030083B10
C,ELECT GE 85C	2200UF-M/16V,12*25S.BLK	D040222083000
C,ELECT GE 85C	2200UF-M/25V,16*25	D040222084200
C,ELECT GE 85C	4700UF-M/16V,16*31.5	D040472083200
C,DOUBLE LAYER(70)	0.047F 5.5V ST ESR45OHM	D090473700200
IC,LOGIC	IC MC14094BCP	J040140940000
IC,LINEAR-REGULATOR	KA7805	J126780500270
IC,LINEAR-REGULATOR	IC KA7815	J126781500020
IC,LINEAR-REGULATOR	KIA7905PI,20W-TO220IS(MOLD)	J126790500070

	DESCRIPTION	PARTS NO.
IC,LINEAR-REGULATOR	KIA7915PI MOLD TO220IS	J126791500030
CN.WAFER 2.0MM	GIL-S-12P-S2T2-EF	L101220120000
CN.WAFER 2.5MM	5267-03A 3P	L102526700300
CN.WAFER 2.5MM	5267-04A 4P	L102526700400
CN.WAFER 2.5MM	5267-05A 5P	L102526700500
CN.WAFER 2.5MM	5267-08A 8P	L102526700800
CN.WAFER 2.5MM	CNT PLUG 5597-36APB	L102559703600
CN.FPC 1.25MM	8370-141 14P ST	L131837001400
CN.FPC 1.25MM	8370-211 21P ST	L131837002100
D,RECTIFIER 1N	1N4003-52MM	K040400300520
CN,WIRE 1P	JUMPER (0.6/52MM)	L045084006040
HOLDER,FUSE CLIP	PI5.2-REEL	G645000050010
POWER TRANS	(ST-BY) 230V	820028000077B
C,CERAMIC AC(SAFETY)	DE7150-487F 472MVAI	D00847208K03D
C,FILM POLYESTER	CAP MF 0.22UF 250V M	D02022408H210
SOCKET,POWER RECEPTA	AC OUTLET YKE31-0090	G435040110000
FUSE (5.2*20)	250V-T1A-S/V/B/R(TEAR1)	G650102251160
FUSE (5.2*20)	250V-T250MA-S/V/B/R(YARN)	G650251251160
FUSE (5.2*20)	250V-T500MA-S/V/B/R(TEAR1)	G650501251160
RELAY	HR-CR7-DC12V/10A	G680000210000
CN.WAFER 2.5MM	5267-04A 4P	L102526700400
CN.WAFER 3.96MM	GP390-3P-TS-M	L104020020000
CN.WAFER 3.96MM	PLUG 35328-0210 3.96 ST B2	L104353280200
P.C.B MANU INS ASSY	**AVP9080/FRONT**	**7028059440000**
R,CARBON FILM	15K-J,1/5W-52RE-AX	C00001536P520
C,CERAMIC HIK AXIAL	F0.1UF-Z/50V-52RE	D005104597530
C,CERAMIC HIK DISC	F0.01UF-Z/50V-5RE	D004103097060
JACK,D6.5	HTJ064-05B(G)	G402040221930
CN,WIRE	CTG0424 GT04 GS04 1007#26 2MM+FERRITE C	L000241042600
CN,WIRE 1P	WIRE LUG #24BK200 LF 0.5/0.	L046241020580
SW,PUSH	SW ESB-8236V	G000041590000
CN.WAFER 3.96MM	PLUG 35328-0210 3.96 ST B2	L104353280200
R,METAL FILM 100PPM	180-J,1/5W-52RE-AX	C06001816P520
C,CERAMIC HIK AXIAL	B820PF-K/50V-52RE	D005821287520
CN,WIRE 1P	JUMPER (0.6/52MM)	L045084006040
C,ELECT GE 85C	47UF-M/16V,5*11	D040470083100
SW,TACT	SKHV10920A,5MM/260G-REEL	G180000270010
LED,ROUND	SLR-34GCF25/REEL	K500035101120
MODULE,REMOCON	CRV1M342-185BD	E940342210010
SW,ROTARY	EVQ-WP8F2012B(L=20MM)	G120990547060
CN.WAFER 2.0MM	CNT GIL-11P-S2L2-EF	L101220110010
R,CARBON FILM	1K-J,1/5W-52RE-AX	C00001026P520
R,METAL FILM 100PPM	10-J,1/5W-52RE-AX	C06001006P520
R,METAL FILM 100PPM	100-J,1/5W-52RE-AX	C06001016P520
R,METAL FILM 100PPM	150-J,1/5W-52RE-AX	C06001516P520
R,METAL FILM 100PPM	180-J,1/5W-52RE-AX	C06001816P520
C,CERAMIC HIK AXIAL	B820PF-K/50V-52RE	D005821287520
D,SWITCHING	1SS133T-72-52MM	K000013300520
CN,WIRE 1P	JUMPER (0.6/52MM)	L045084006040
C,FILM POLYESTER	ST-0.0027UF-J/100V-5RE	D02027206C060

	DESCRIPTION	PARTS NO.
SW,TACT	SKHV10920A,5MM/260G-REEL	G180000270010
SEMI,TR/GE NPN 2SC	TR NPN 2SC3199Y (BKTC3199 Y	J5023199Y0050
LED,ROUND	SLR-34GCF25/REEL	K500035101120
VR,ROTARY MOTOR	S/W ROTARY ENCODER EVQ VER	C49004106001A
LED,ROUND	LED SPR-54MDW3 GREEN/AMBER	K500055106070
CN,WIRE	CTG1013 GS11 GT11 1007#26 2MM	L000131112610
CN.FPC 1.25MM	52575-2130 21P	L131525752100
R,CARBON FILM	100K-J,1/5W-52RE-AX	C00001046P520
R,CARBON FILM	470-J,1/5W-52RE-AX	C00004716P520
R,METAL FILM 100PPM	75-J,1/5W-52RE-AX	C06007506P520
C,CERAMIC HIK AXIAL	F0.1UF-Z/50V-52RE	D005104597530
D,SWITCHING	1SS133T-72-52MM	K000013300520
CN,WIRE 1P	JUMPER (0.6/52MM)	L045084006040
C,CERAMIC HIK DISC	CK100PF-J/50V-5RE	D004101067060
JACK,D6.5	JACK S-VHS	G402041810000
TER,RCA 3PIN	JACK RCA 3P	G606040300000
CN,WIRE	CTM0318 5395 5264 1007#26 2.5MM	L000181032600
CN,WIRE 1P	WIRE LUG #24BK200 LF 0.5/0.	L046241020580
CN.WAFER 2.0MM	GIL-S-04P-S2L2-EF	L101220040010
CN.WAFER 2.5MM	5268-02A 2P ANGLE	L102526802010
P.C.B MANU INS ASSY	**AVP9080(A,D,RDS) S-VIDEO TOTAL**	**7028059451000**
R,CARBON FILM	1K-J,1/5W-52RE-AX	C00001026P520
R,CARBON FILM	10K-J,1/5W-52RE-AX	C00001036P520
R,CARBON FILM	100K-J,1/5W-52RE-AX	C00001046P520
R,CARBON FILM	2.2K-J,1/5W-52RE-AX	C00002226P520
R,CARBON FILM	470-J,1/5W-52RE-AX	C00004716P520
R,CARBON FILM	47K-J,1/5W-52RE-AX	C00004736P520
R,CARBON FILM	68K-J,1/5W-52RE-AX	C00006836P520
R,METAL FILM 100PPM	220-J,1/5W-52RE-AX	C06002216P520
R,METAL FILM 100PPM	220K-J,1/5W-52RE-AX	C06002246P520
R,METAL FILM 100PPM	33K-J,1/5W-52RE-AX	C06003336P520
R,METAL FILM 100PPM	68-J,1/5W-52RE-AX	C06006806P520
R,METAL FILM 100PPM	75-J,1/5W-52RE-AX	C06007506P520
C,CERAMIC HIK AXIAL	B100PF-K/50V-52RE	D005101177520
C,CERAMIC HIK AXIAL	SL0.01UF-Z/50V-52RE	D005103077530
D,SWITCHING	1SS133T-72-52MM	K000013300520
C,ELECT GE 85C	10UF-M/35V,5*11	D040100085100
C,ELECT GE 85C	100UF-M/10V,5*11-5RE	D040101082060
C,ELECT GE 85C	2.2UF-M/50V,5*11-5RE	D0402R2087100
C,ELECT GE 85C	47UF-M/16V,5*11	D040470083100
C,ELECT GE 85C	CAP E AF SA T 470UF 6.3V	D040471081100
SEMI,TR/GE PNP 2SA	2SA933S,0.3W/TO92M-REEL	J5000933S0050
SEMI,TR/GE NPN 2SC	2SC1740SR,0.3W/TO92M-REEL	J5021740S0010
SEMI,TR/GE NPN 2SD	KTD1303,0.4W/TO92M-REEL	J503130300050
SEMI,TR/GE-UNKNOWN	TR DTA114YS	J509082221010
SEMI,BRT/NPN RC	DTC114YS,0.3W/TO92M	J6020114Y0050
JACK,D6.5	ALL R945 YKF51-5516/S-VHS 3P	G402042190000
JACK,DIN	AVP9080 DOM YKF51-5512	G403040010010
IC,LOGIC	IC BU4051B ROHM	J040405100030
IC,MONITOR	IC MC14577BP	J170145770000

	DESCRIPTION	PARTS NO.
CN.WAFER 2.0MM	TKC-A08X-A1 8P	L101081000020
CN.WAFER 2.0MM	G1L-S-4P-S2T2-EF	L101220040000
P.C.B MANU INS ASSY	**AVP9080(D,RDS) C-VIDEO TOTAL**	**7028059461000**
R,CARBON FILM	1K-J,1/5W-52RE-AX	C00001026P520
R,CARBON FILM	10K-J,1/5W-52RE-AX	C00001036P520
R,CARBON FILM	1.8K-J,1/5W-52RE-AX	C00001826P520
R,CARBON FILM	240-J,1/5W-52RE-AX	C00002416P520
R,CARBON FILM	2.7K-J,1/5W-52RE-AX	C00002726P520
R,CARBON FILM	470-J,1/5W-52RE-AX	C00004716P520
R,CARBON FILM	5.6K-J,1/5W-52RE-AX	C00005626P520
R,CARBON FILM	68K-J,1/5W-52RE-AX	C00006836P520
R,CARBON FILM	820-J,1/5W-52RE-AX	C00008216P520
R,METAL FILM 100PPM	10-J,1/5W-52RE-AX	C06001006P520
R,METAL FILM 100PPM	100-J,1/5W-52RE-AX	C06001016P520
R,METAL FILM 100PPM	110-J,1/5W-52RE-AX	C06001116P520
R,METAL FILM 100PPM	120-J.1/5W-52RE-AX	C06001216P520
R,METAL FILM 100PPM	22-J,1/5W-52RE-AX	C06002206P520
R,METAL FILM 100PPM	33-J,1/5-52RE-AX	C06003306P520
R,METAL FILM 100PPM	75-J,1/5W-52RE-AX	C06007506P520
C,CERAMIC HIK AXIAL	Y0.01UF-M/16V-52RE	D005103773530
C,CERAMIC HIK AXIAL	F0.1UF-Z/50V-52RE	D005104597530
CN,WIRE 1P	JUMPER (0.6/52MM)	L045084006040
C,CERAMIC T.C DISC	CH15PF-J/50V-5RE	D000150167070
C,CERAMIC HIK DISC	F1000PF-Z/50V-5RE	D004102097060
C,CERAMIC HIK DISC	F0.01UF-Z/50V-5RE	D004103097060
C,CERAMIC HIK DISC	F0.0047-Z/50V-5RE	D004472097060
C,CERAMIC HIK DISC	CK560PF-J/50V-5RE	D004561067060
C,CERAMIC SEMI DISC	F0.1UF-Z/50V-5RE PI6	D006104597050
C,ELECT GE 85C	1UF-M/50V,5*11-5RE	D040010087050
C,ELECT GE 85C	10UF-M/35V,5*11	D040100085100
C,ELECT GE 85C	100UF-M/10V,5*11-5RE	D040101082060
C,ELECT GE 85C	22UF-M/16V,5*11-5RE,SV	D040220083070
C,ELECT GE 85C	47UF-M/16V,5*11	D040470083100
C,ELECT GE 85C	CAP E AF SA T 470UF 6.3V	D040471081100
SEMI,TR/GE PNP 2SA	2SA933S,0.3W/TO92M-REEL	J5000933S0050
SEMI,TR/GE NPN 2SC	2SC1740SR,0.3W/TO92M-REEL	J5021740S0010
FILTER,BPF	H287BAIS-K5121DAD-KR	E440286512100
FILTER,DELAY LINE	H321LNP-K5247	E444321524700
CRYSTAL	17.734475MHz HC/49U CL;18PF	E80017R733420
SW,SLIDE	SLIDE SW	G060040820010
TER,RCA 3PIN	JC030012MG/BK BK BK GND	G606300120020
IC,LOGIC-ENCODER	MC13077P PAL/NTSC DIP20P	J045130770010
IC,LINEAR	LM1881N-DIP8P	J120188100010
CN.WAFER 2.0MM	GIL-S-02P-S2T2-EF(WH)	L101220020020
CN.WAFER 2.5MM	5267-03A 3P	L102526700300
CN.WAFER 2.5MM	5267-04A 4P	L102526700400

SCHEMATIC DIAGRAM



NOTES

1. Resistor values are indicated in ohms unless otherwise specified
   [K=1.000 M=1.000.000]
2. Capacitor values are indicated in microfarades unless otherwise specified. [p=micro-microfarades]

CAUTION

Safety precaution to be followed during servicing

1) Since those parts marked with ⚠ are critical parts for safety. use only the one described in the parts list

2) Before returning the set to the customer make appropriate leakage current or resistance measurements to determine the exposed parts are properly insulated from the supply circuit.

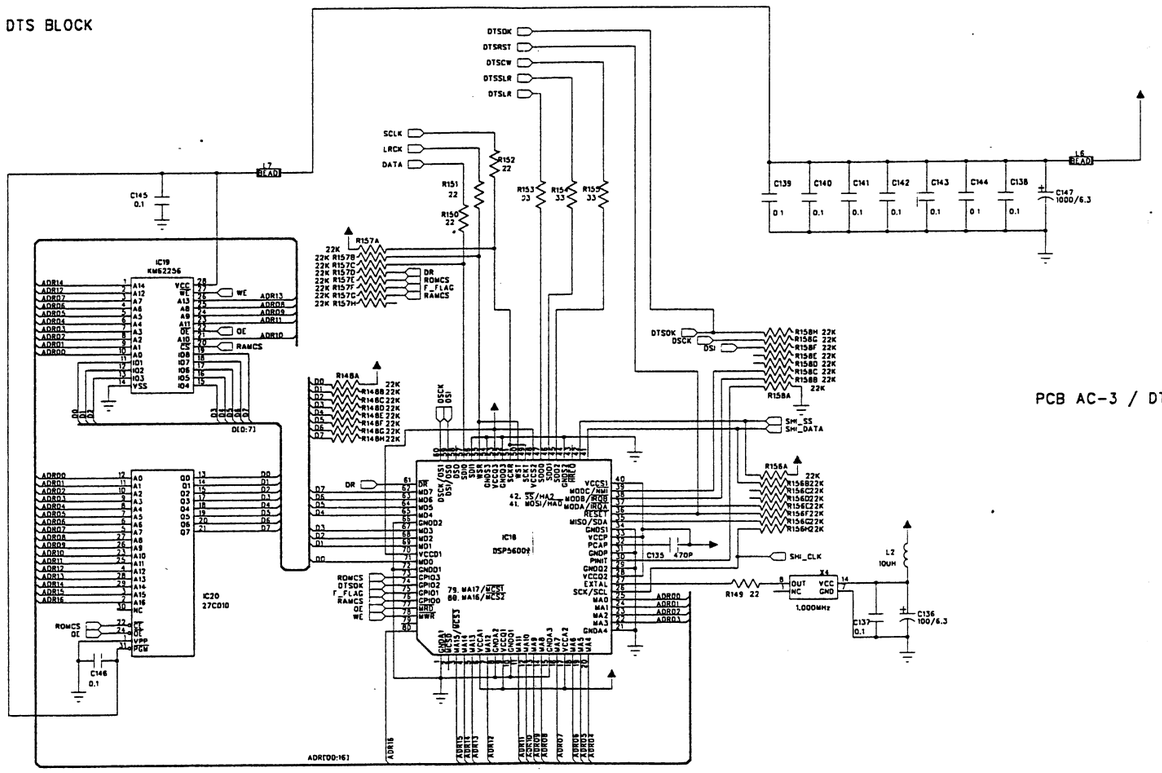
REVISION RECORD			
LTR	ECO NO	APPROVED:	DATE:
	7020-05941-000-2	H.J.CHA	SEP 22 1998

PCB AC-3 / DTS DECODER 7020059410002

COMPANY:			
TITLE:	AVP9080R AC-3/DTS DECODER		
DRAWN: HEON-JU CHA	DATED: JUL 1 1998		
CHECKED:	DATED:	CODE:	SIZE: A1
QUALITY CONTROL:	DATED:	DRAWING NO:	8720-05941-000-0
RELEASED:	DATED:	REV:	A
SCALE:		SHEET: OF	

REVISION RECORD			
LTR	ECO NO	APPROVED:	DATE:

DTS BLOCK



PCB AC-3 / DTS DECODER 7020059410002

		COMPANY	
		TITLE	AVP-9080R AC-3/DTS DECODER
DRAWN: HEON-AL CHA	DATED: JUL 1 1998	CODE:	SIZE:
CHECKED:	DATED:	DRAWING NO:	REV:
QUALITY CONTROL	DATED:	8720-05941-000-1	A
RELEASED:	DATED:	SCALE	SHEET: OF

SCHEMATIC DIAGRAM

MAIN B'D(1/2) 7028-05942-000-1

MODEL NAME	AVP9080R	DESIGN	SHIN.H.C
BOARD NAME	MAIN B'D	INSPECTION	
STEP	M/P	APPROVAL	
SHEET NO.	1/2	DATE	98.11.10

90main1.sch-1 - Mon Nov 16 13:13:43 1998

SHER-00427 / ORUCK: 4

SCHEMATIC DIAGRAM

MODEL NAME	AVP9080R	DESIGN	SHIN.H.C.
BOARD NAME	MAIN B'D	INSPECTION	
STEP	M/P	APPROVAL	
SHEET NO.	2/2	DATE	98.11.10

NOTES
1.Resistor values are indicated in ohms unless otherwise specified (K = 1,000 M = 1,000,000)
2.Capacitor values are indicated in microfarades unless otherwise specified.(p = micro-microfarades)
CAUTION
Safety precaution to be followed during servicing
1)Since those parts marked with ⚠ are critical parts for safety. Use only the one described in the part list
2)Before returing the set to the customer make appropriate leakage current or resistance measurements to determine the exposed parts are properly insulated from the supply circuit.

REVICED			
NO.	DATE	NO.	DATE
1		6	
2		7	
3		8	
4		9	
5		10	

EQUIPMENT				MODEL	AVP9080R
DRAW	CHECKED	APPROVED		DATE	DRAWING(NO)
					8720-05942-000-1

MAIN B'D(2/2) 7028-05942-000-1

SHER-00427 / DRUCK: 5

90main1.sch-2 - Mon Nov 16 13:13:50 1998

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:
	7020-05943-000-1	H.J.CHA	OCT 21 1998

PCB MICOM 7028059430010

COMPANY:			
TITLE:	AVP-9080R MICOM		
DRAWN: HEON-JU CHA	DATED: OCT 21 1998	CODE:	SIZE: DRAWING NO: 8720-05943-001-0 REV:
CHECKED:	DATED:		
QUALITY CONTROL:	DATED:		
RELEASED:	DATED:	SCALE:	SHEET: OF

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

PCB SUPPLY
7028-05943-003-0

CP26 AC IN
CP25
TO POWER SW
OUT1
OUT2
F408
CP27
TO POWER TRANSFORMER
C460 4N7/250V
C461 220N/275V
F407
RLY401 RLY-CR7DC12
T401 STNBY
D424 1N4003
F409
CP7
TO MICOM BD
R412 3M3(1/2W)
G401 GND
VER.USA ONLY

[1] ST-BY
Q401 DTC114YS
D405 1N4003
R402 470
[1] PWRDN
D407 UZ4V3
R403 10K
C406 1/50

CP7
FROM SUPPLY BD
R407 4.7
D403 1N4003
D401 1N4003
D402 1N4003
D404 1N4003
C403 47N-M
C404 47N-M
C405 47N-M
R404 10 1W
IC402 7805 IN OUT GND
C414 1000/16
D406 1N4003
C415 47/16
C416 100N
[1] 5V6

F402
C417 47N-M
C418 47N-M
C419 47N-M
D409 1N4003
D408 1N4003
D411 1N4003
D410 1N4003
IC403 7815 IN OUT GND
C426 4700/25
C427 4700/25
C401 47/16
C433 100N
IC404 7915 IN OUT GND
C431 47/16
C434 100N
CP8
RED
BLK
RED
F403

F404
C420 47N-M
C421 47N-M
C422 47N-M
D413 1N4003
D412 1N4003
D415 1N4003
D414 1N4003
IC405 7805 IN OUT GND
C428 4700/16
C429 4700/16
C432 47/16
C438 100N
IC406 7905 IN OUT GND
C435 47/16
C439 100N
CP9
BLUE
WHITE
BLUE
GREEN
GREEN
F405
[1] V+5V
[1] V-5V

F406
C423 47N-M
C424 47N-M
C425 47N-M
D416 RPBP205
C430 6800/16
C462 6800/16
IC407 7805 IN OUT GND
C436 47/16
C440 100N
IC408 7805 IN OUT GND
C437 47/16
C441 100N
[1] FLB+
G402 GND

CN6
A+15V
AG
A-15V
A+5V
MUTE B+
A-5V
D+5V
DG
TO MAIN BD

USA: BLU
EUR: YEL
KOR: BRN
BLK
POWER TRANSFORMER

•FUSES

VER	F402/F403 F404/F405	F406	F407	F408	F409
KOREA	MS1A 250V	MS1.5A 250V	SB500mA 250V	MS1A 250V	SB250mA 250V
USA/ CANADA	MS1A 250V	MS1.5A 250V	MS1A 250V	MS2A 250V	SB250mA 250V
EUROPE	T1AL 250V	T1.6AL 250V	T500mAL 250V	T1AL 250V	T250mAL 250V

NOTES
1. Resistor values are indicated in ohms unless otherwise specified. (K=1,000 M=1,000,000)
2. Capacitor values are indicated in microfarades unless otherwise specified. (P=micro-microfarades)
3. These resistors are to be segregated from printed wiring board or other accessible parts.

CAUTION
Safety precaution to be followed during servicing.
1. Since those parts marked with ⚠ are critical parts for safety. Use only the one described in the parts list.
2. Before returning the set to the customer make appropriate leakage current or resistance measurements to determine the exposed parts are properly insulated from the supply circuit.

PCB MICOM 7028059430010

DRAWN: HEON-JU CHA	DATED: JULY 1 1998	COMPANY:	
CHECKED:	DATED:	TITLE: AVP-9080R MICOM / SUPPLY	
QUALITY CONTROL:	DATED:	CODE:	SIZE: DRAWING NO: 8720-05943-001-0 REV:
RELEASED:	DATED:	SCALE:	SHEET: OF

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

MULTI-ROOM ONLY
MULTI-ROOM IN
R658 470
IC607 DTV817
COMPONENT BD
CN18
VCR3 IN (FRONT)
CP15
FROM MICOM BD.
CN20
V+5V ACLK ADATA VSELDA OSDCF 4084CF V_MUTE VSYNC VG V-5V DIGI-LINK MT_ROOM
DIGI-LINK
DIGI-LINK
R603 75
C603 470/6.3
R604 75
C604 470/6.3
Q601 2SC1740
Q602 2SC1740
R607 100
R608 100
R659 150
R605 390
R606 390
MONITOR
MONITOR
DVD
R601 10K
C601 100P
R602 10K
C602 100P
R609 75
R610 10
C605 10/35
C606 100N
LD
VCR1 IN
VCR1 OUT
R611 75
R612 10
C607 10/35
C608 100N
R613 75
R614 10
C609 10/35
C610 100N
R616 75
R615 10K
C611 100P
VCR2 IN
VCR2 OUT
AUX/CATV
R617 75
R618 10
C612 10/35
C613 100N
R619 10K
C614 100P
R621 75
R622 10
C615 10/35
C616 100N
IC601
4051B
VDD O4 O2 O6 O1 O/IN O0 O7 O3 O5 A INH B VEE C VSS VC0 VC1 VC2
IC602
4051B
VDD O4 O2 O6 O1 O/IN O0 O7 O3 O5 A INH B VEE C VSS VC3 VC4 VC5
R557 330K
C619 47/16
C618 10/35
R626 47K
R628 470
IC603B MC14577CP
R627 470
C621 47/16
C620 470/6.3
C622 10/35
R629 47K
R631 470
IC603A MC14577CP
R630 470
IC606
4094
VC0 VC1 VC2 VC3 VC4 VC5
Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q'S Q'S
STRB DATA CLK OUT/EN VDD VSS
R632 1K
R633 1K
R634 1K
100P
C624
C625
C626
C623 0.01
Q604 2SC2878
Q603 2SC1740
Q605 DTA114YS
R620 75
C617 470/6.3
R623 390
R624 100K
R625 2K2
VC[0:5]
CN17
VC0 VC1 VC2 VC3 VC4 VC5 V28SW VC
TO S-VIDEO BD.
CN14
CVMON CVSF1 I/F OSDOUT OSDIN V-MUTE V+5V V-5V
C651 470/6.3
C652 470/6.3
R652 10K
R651 2K
C646 0.01
C645 100/6.3
R650 10K
R649 8K2
R648 68K
Q606 2SC1740
C650 10/35
C649 47/16
R635 68
R636 47K
Q607 2SA933
R637 3K3
C627 100/6.3
R653 1K
R654 1K
R655 1K
C642 100P
C643 100P
C644 100P
C638 15PCH
C639 22PCH
C640 2P2
L601 22UH
R647 100
C648 47P
C647 1/50
R638 470
R639 1M
X601 14.318M
C628 18PCH
C629 18PCH
C630 100/6.3
C631 0.01
L602 22UH
C634 100/6.3
C633 0.001
C632 1/50
R640 330
D601 1N4148
R656 120K
C641 0.33/50
IC604 M35010
CVIN LECHA CVIDEO VDD2 XC SIN SCK CS OSC2 OSC1 VSS P0 P1 P2 P3 OSCOUT OSCIN HOR VERT VDD1
IC605 BA7046
VD SYNC HD HOSC GND CVIN VDD PCOMP
R645 1M
C637 100P
R644 150K
R646 2K2
R643 470K
R642 33K
C635 0.0022
C636 1/50
R641 470K

PCB VIDEO 7028059430020

COMPANY:			
TITLE: AVP-9080R VIDEO(COMPOSITE & OSD)			
DRAWN: HEON-JU CHA	DATED: JULY 1 1998		
CHECKED:	DATED:	CODE:	SIZE: DRAWING NO: 8720-05943-000-0 REV:
QUALITY CONTROL:	DATED:		
RELEASED:	DATED:	SCALE:	SHEET: OF

MODEL NAME	AVP9080R	DESIGN	SHIN.H.C.
BOARD NAME	FRONT B'D	INSPECTION	
STEP	M/P	APPROVAL	
SHEET NO.	1/1	DATE	1998.11.16

SCHEMATIC DIAGRAM

FRONT 1 B'D
7028059440040

SW901 DTS
SW902 DSP MODE
SW903 RANGE
SW904 PROLOGIC
SW905 DIRECT
SW906 AC-3
SW907 STEREO
SW908 ST-BY
*SW906 *3-STEREO
* : MILITARY
ENC(VOL) ENC902
C902 820P
C903 820P
SW909
SW910 T2-MON
SW911 DIGI-IN
R903 180 D902
R904 180 D903
R907 100
D901 1N4148
R906 1K Q901 C3199
D904 R901 10
D905 R917 10
R905 180 D906
R902 180 D907

TO MICOM B'D — CP21
KEYIN 00
KEYIN 01
KEYIN 02
KEYOUT00
KEYOUT01
KEYOUT02
KEYOUT03
GND
RESET
+5V
RMC
VOL-UP
VOL-DN
FUNC-UP
FUNC-DN
+5V(SW)
T2-M LED
DIGI LED
DIR LED
DYNA LED
ST-BY

CN24 / CP24
+5V(SW)
KEYIN01
KEYIN02
KEYOUT00
DIGI LED
T2-M LED
RMC
+5V
GND
FUNC-UP
FUNC-DN

FRONT 2 B'D
7028059440030

RMC SENSOR IC901 (B+, GND)
C901 47/16
ENC(FUNC) ENC901
C905 820P
C904 820P

FL DISPLAY MODULE

FLB+
FLDA
GND

FRONT DOOR KEY PAD
7020059560010

LEVEL +
LEVEL -
DELAY TIME
CH SELECTOR
SPEAKER MODE
ADJUST
BASS -
TREBLE -
TEST TONE
FLAT
BASS +
TREBLE +
6-CH INPUT
VIDEO LABELS
TONE MODE
PRESET/TUNING -
MEMORY/ENTER
PRESET/TUNING +
UP
DOWN
FM MODE
ON SCREEN
T/P MODE
PTY SEL
DISPLAY
SEARCH
TA
PTY
BAND

KEYOUT06
KEYOUT07
KEYOUT08
KEYOUT09
KEYOUT05
KEYOUT04
KEYIN02
KEYOUT10
KEYIN01
KEYOUT11
KEYOUT12
KEYIN00
KEYOUT13
KEYOUT14

VIDEO3 IN B'D
7028059440050

TO MAIN B'D — CN11
R3 IN
GND
L3 IN
R908 470 AUX-R
R909 470 AUX-L
R911 100K C913 100P-R
R910 100K C914 100P-R
C906 100P-R
C907 100P-R

TO C-VIDEO B'D — CP15
V3 IN
GND
C908 100N D908 1N4148
D909 1N4148
C909 100N
AUX-V

TO S-VIDEO B'D — CP16
C
GND
GND
Y
R912 75
R913 75
R914 75
AUX-C
AUX-Y

HEADPHONE B'D
7028059440010

CN10
L
GND
R
HP IN
TO MAIN B'D
HP901
HEAD PHONE JACK
R915 15K C910 470P-R
R916 15K C911 470P-R
C912 100N

POWER SW B'D
7028059440020

CP25
SW912
TO POWER B'D

EQUIPMENT		MODEL	AVP9080R
DRAW / CHECKED / APPROVED		DATE	DRAWING(NO)
			8720-05944-000-0

9080R-1-USA.indd - Mon Nov 16 13:12:53 1998

MODEL NAME	AVP9080R	DESIGN	
BOARD NAME	S-VI/6CH B'D	INSPECTION	
STEP	LPP	APPROVAL	
SHEET NO.		DATE	JULY 1 1998

SCHEMATIC DIAGRAM

PCB S-VIDEO/6-CH INPUT 7028059450000

COMPONENT_VIDEO IN
VIDEO 3 IN (FRONT)
CN19 5267-04P
CP16 2MSTGIL-04P
P702 S-VIDEO 3P
MONITOR
DVD
LD
P703 S-VIDEO 3P
VCR1 IN
VCR1 OUT
VCR2 IN
P704 S-VIDEO 2P
VCR2 OUT
AUX/CAT
IC702 4051BC
IC703 4051BC
IC704 4051BC
IC705 4051BC
Y-SEL
C-SEL
Y-REC-SEL
C-REC-SEL
VC[0:5]
IC706A MC14577CP
IC706B MC14577CP
IC706C MC14577CP
IC707A MC14577CP
IC707B MC14577CP
IC707C MC14577CP
Q701 2SC2878
Q702 2SC2878
Q703 DTC114YS
Q704 2SC2878
Q705 2SC2878
Q706 2SD1302
Q707 DTC114YS
Q708 2SC2878
Q709 2SC2878
Q710 DTC114YS
Q711 2SC2878
Q712 2SC1740
Q713 2SC1740
Q714 2SC2878
Q715 2SA933
Q716 DTA114YS
Q717 DTC114YS
Q718 DTA114YS
D702 1N4148
D703 1N4148
D704 1N4148
D705 1N4148
D706 1N4148
D707 1N4148
D708 1N4148
D709 1N4148
CP17 TKC-A08X
FROM VIDEO BD
CP14 TKC-A08X
VCMON
CVSEL
I/E
OSDOUT
OSDIN
VMUTE
+5V
-5V

NOTES
1.Resistor values are indicated in ohms unless otherwise specified (K=1,000 M=1,000,000)
2.Capacitor values are indicated in microfarades unless otherwise specified. (p=micro-microfarades)

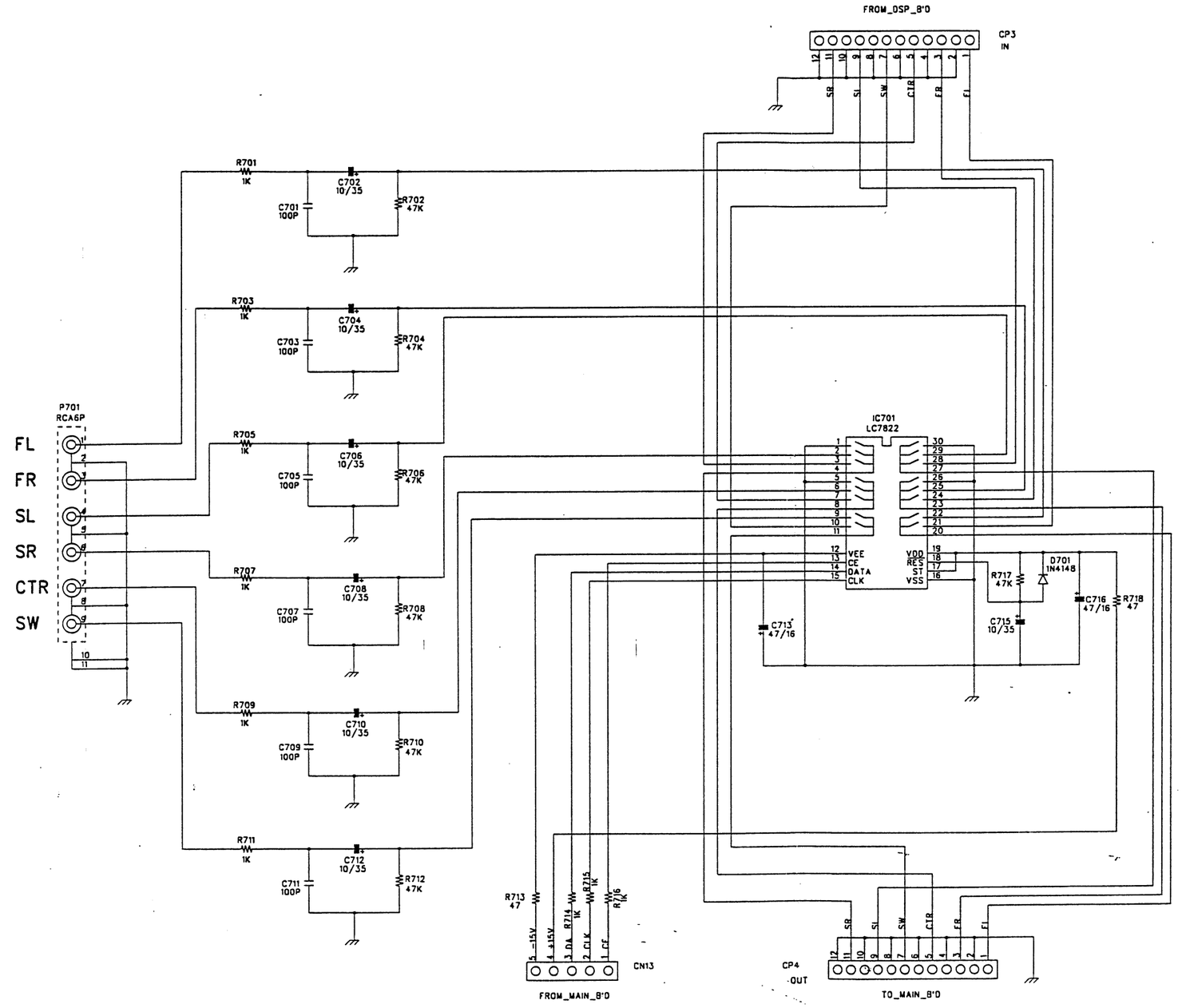
CAUTION
Safety precaution to be followed during servicing.
1)Since those parts marked with ⚠ are critical parts for safety. use only the one described in the parts list
2)Before returning the set to the customer make appropriate leakage current or resistance measurements to determine the exposed parts are properly insulated from the supply circuit.

REVICED			
NO.	DATE	NO.	DATE
1		6	
2		7	
3		8	
4		9	
5		10	

EQUIPMENT	S-VIDEO		MODEL	AVP-9080R
DRAW	CHECKED	APPROVED	DATE	DRAWING(NO)
				87200594500000

MODEL NAME	AVP9080	DESIGN	
BOARD NAME	S-VI/6CH 8'D	INSPECTION	
STEP	LPP	APPROVAL	
SHEET NO.		DATE	JULY 1 1998

SCHEMATIC DIAGRAM



PCB S-VIDEO/6-CH INPUT 7028059450000

NOTES

1.Resistor values are indicated in ohms unless otherwise specified (K=1,000 M=1,000,000)

2.Capacitor values are indicated in microfarades unless otherwise specified. (p=micro-microfarades)

CAUTION

Safety precaution to be followed during servicing.

1)Since those parts marked with ⚠ are critical parts for safety, use only the one described in the parts list

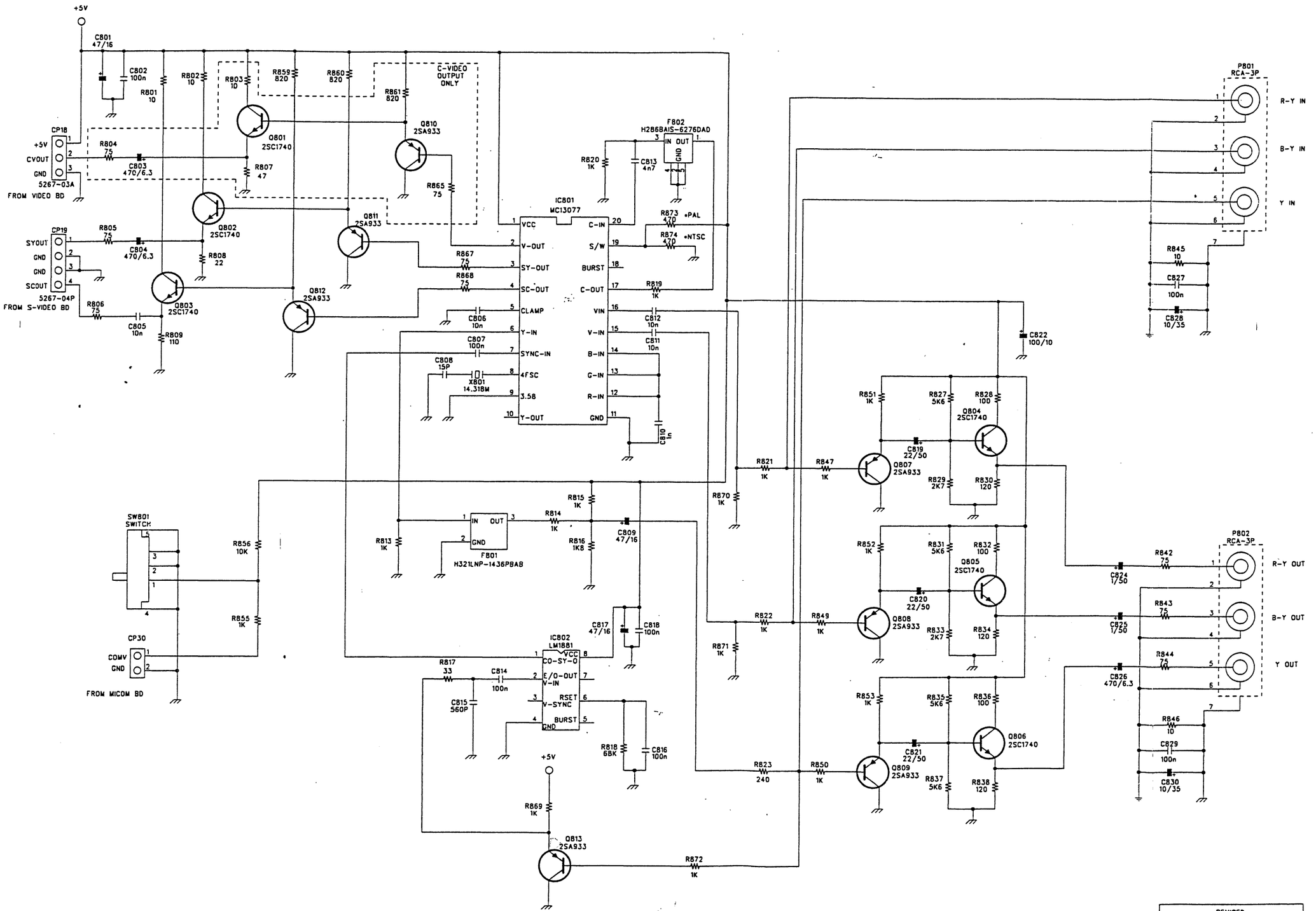
2)Before returning the set to the customer make appropriate leakage current or resistance measurements to determine the exposed parts are properly insulated from the supply circuit.

REVICED			
NO.	DATE	NO.	DATE
1		6	
2		7	
3		8	
4		9	
5		10	

EQUIPMENT	6CH INPUT SEL.			MODEL	AVP9080R
DRAW	CHECKED	APPROVED		DATE	DRAWING(NO)
					8720059450001

MODEL NAME	AVP9080R
BOARD NAME	COMP-VIDEO
STEP	LPP
SHEET NO.	
DESIGN	
INSPECTION	
APPROVAL	
DATE	JUL 1 1998

SCHEMATIC DIAGRAM



PCB COMPONENT VIDEO 7028059460000

NOTES

1.Resistor values are indicated in ohms unless otherwise specified (K=1,000 M=1,000,000)
2.Capacitor values are indicated in microfarades unless otherwise specified. (p=micro-microfarades)

CAUTION

Safety precaution to be followed during servicing.
1)Since those parts marked with ⚠ are critical parts for safety. use only the one described in the parts list
2)Before returning the set to the customer make appropriate leakage current or resistance measurements to determine the exposed parts are properly insulated from the supply circuit.

REVICED			
NO.	DATE	NO.	DATE
1		6	
2		7	
3		8	
4		9	
5		10	

EQUIPMENT	COMPONENT VIDEO			MODEL	AVP9080R
DRAW	CHECKED		APPROVED	DATE	DRAWING(NO)
					8720059460000